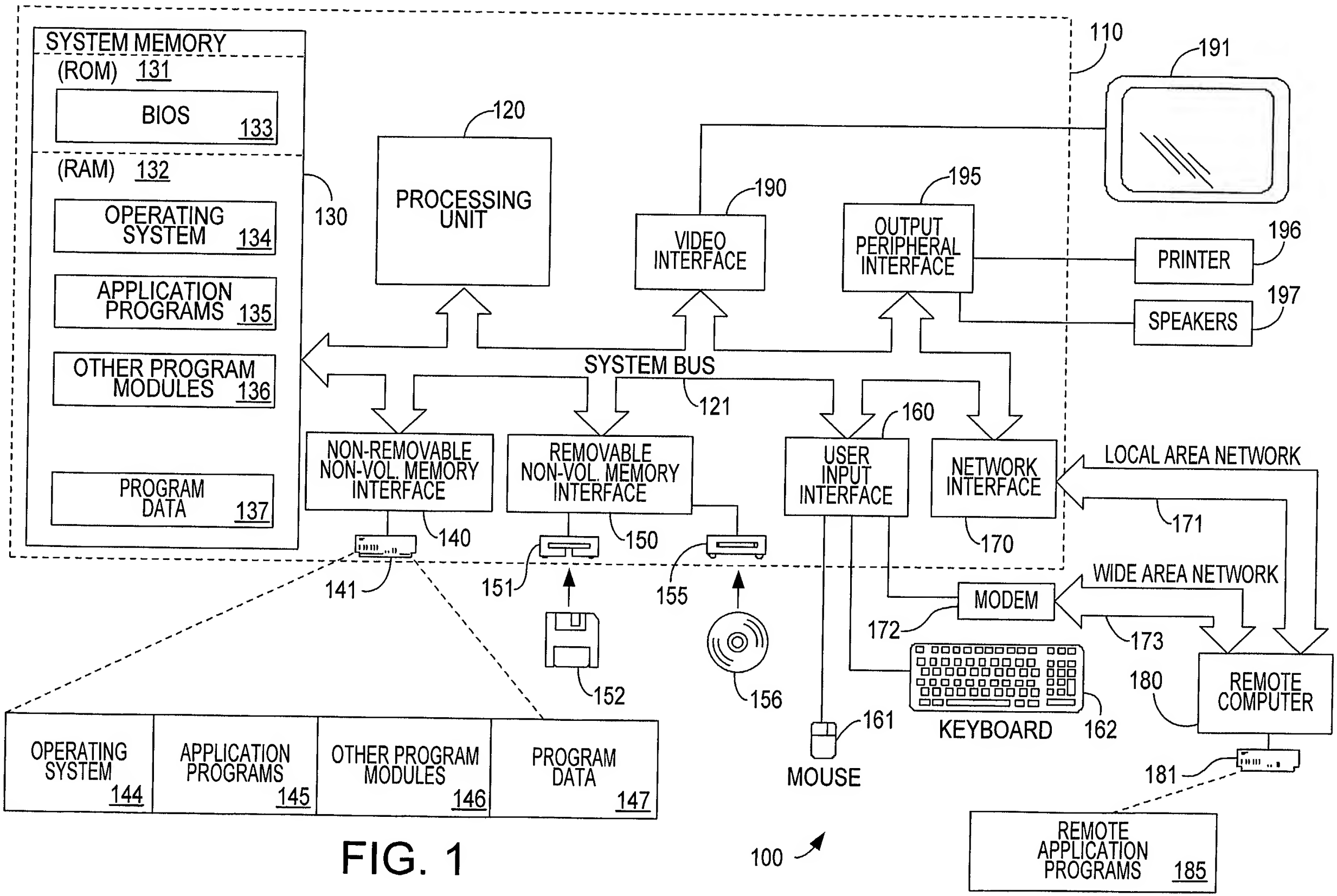

SYSTEM MEMORY
(ROM) 131
BIOS 133
(RAM) 132
OPERATING SYSTEM 134
APPLICATION PROGRAMS 135
OTHER PROGRAM MODULES 136
PROGRAM DATA 137
130
120
PROCESSING UNIT
110
191
190
VIDEO INTERFACE
195
OUTPUT PERIPHERAL INTERFACE
196
PRINTER
197
SPEAKERS
SYSTEM BUS
121
160
NON-REMOVABLE NON-VOL. MEMORY INTERFACE
REMOVABLE NON-VOL. MEMORY INTERFACE
USER INPUT INTERFACE
NETWORK INTERFACE
LOCAL AREA NETWORK
171
140
150
170
141
151
155
WIDE AREA NETWORK
MODEM
172
173
152
156
180
REMOTE COMPUTER
KEYBOARD
162
161
MOUSE
181
OPERATING SYSTEM 144
APPLICATION PROGRAMS 145
OTHER PROGRAM MODULES 146
PROGRAM DATA 147
REMOTE APPLICATION PROGRAMS 185
100

FIG. 1

FIG. 2

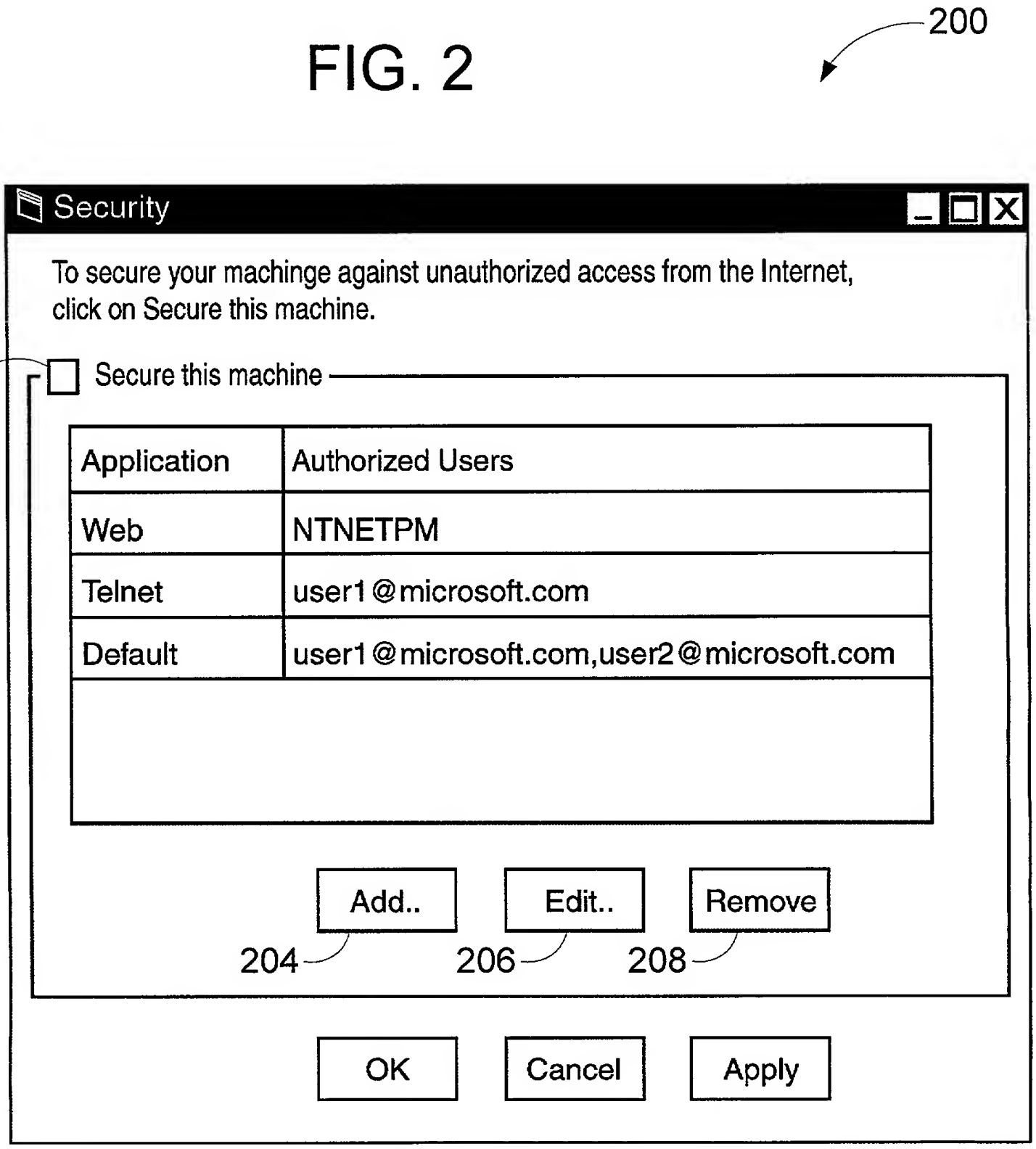

200
Security
To secure your machinge against unauthorized access from the Internet, click on Secure this machine.
202
Secure this machine
Application
Authorized Users
Web
NTNETPM
Telnet
user1@microsoft.com
Default
user1@microsoft.com,user2@microsoft.com
Add..
Edit..
Remove
204
206
208
OK
Cancel
Apply

FIG. 3

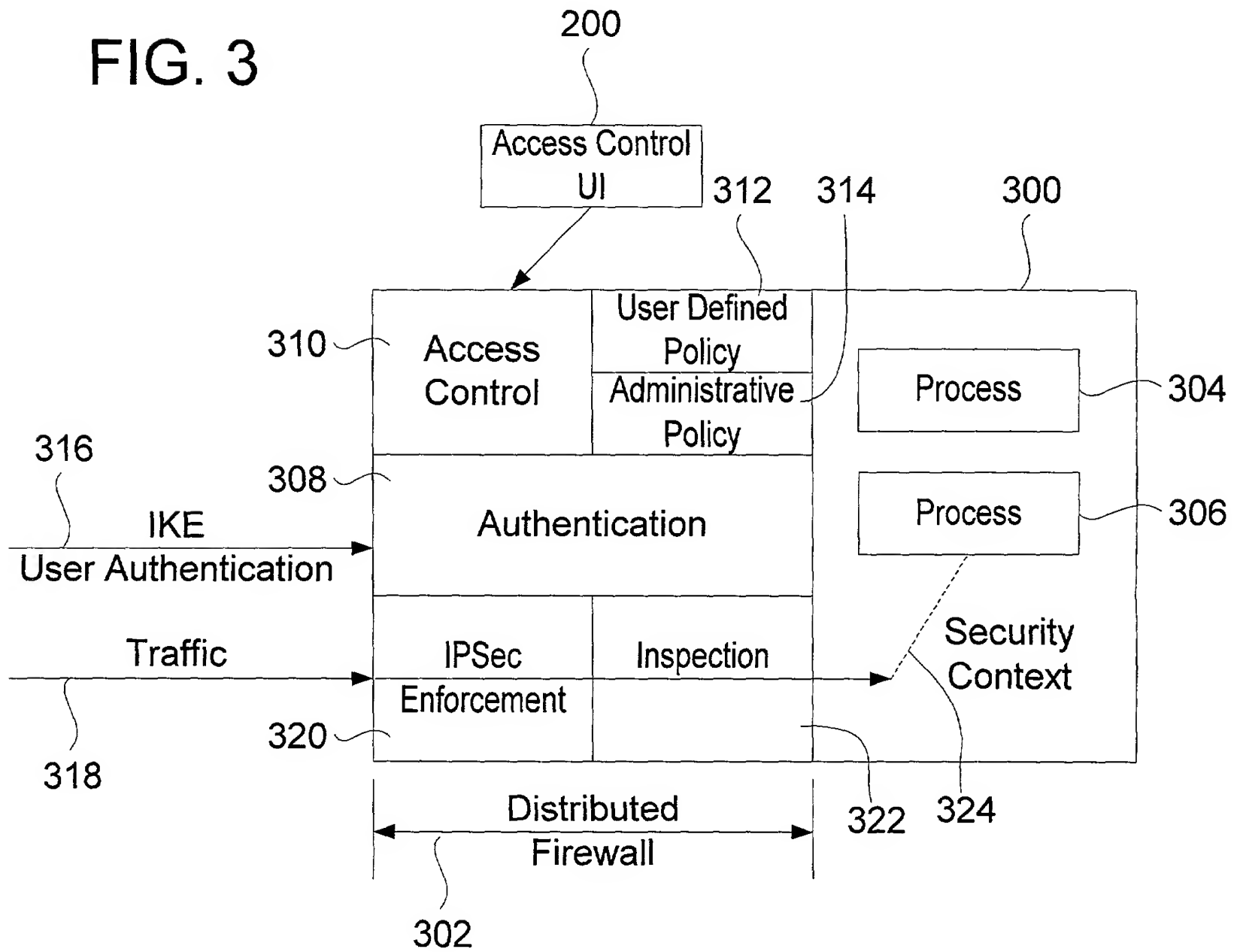

200
Access Control UI
312
314
300
User Defined Policy
310
Access Control
Administrative Policy
Process
304
316
308
Authentication
Process
306
IKE User Authentication
Traffic
IPSec Enforcement
Inspection
Security Context
320
318
322
324
Distributed Firewall
302

FIG. 5

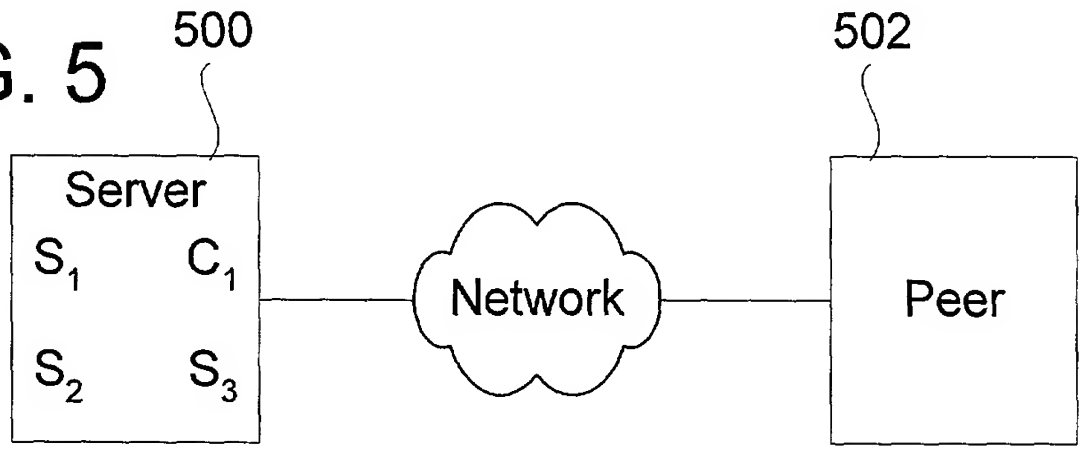

500
502
Server
S_1
C_1
S_2
S_3
Network
Peer

FIG. 4

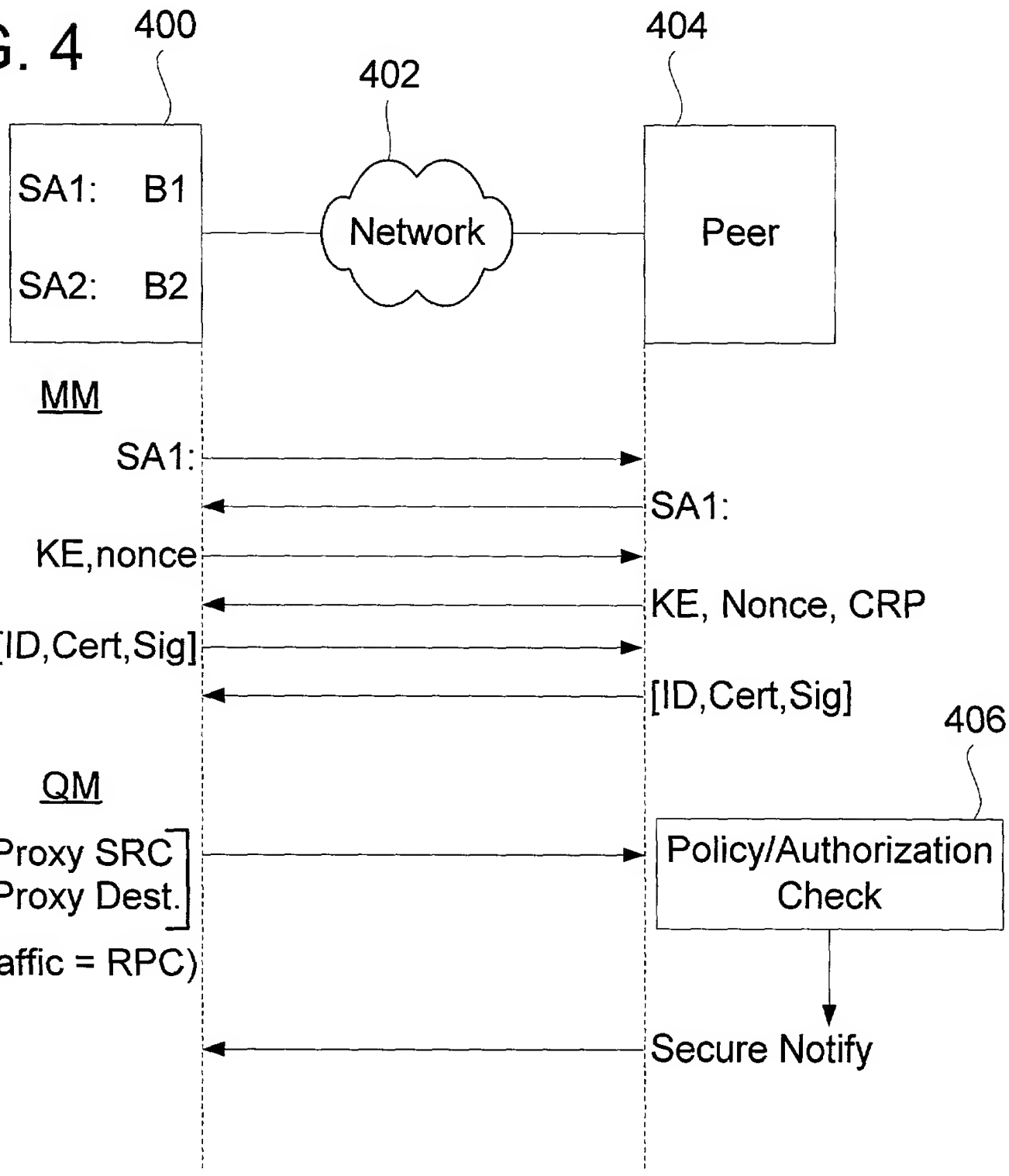

400
402
404
SA1: B1
SA2: B2
Network
Peer
MM
SA1:
SA1:
KE,nonce
KE, Nonce, CRP
[ID,Cert,Sig]
[ID,Cert,Sig]
406
QM
SA1, [Proxy SRC Proxy Dest.]
(Traffic = RPC)
Policy/Authorization Check
Secure Notify

FIG. 6

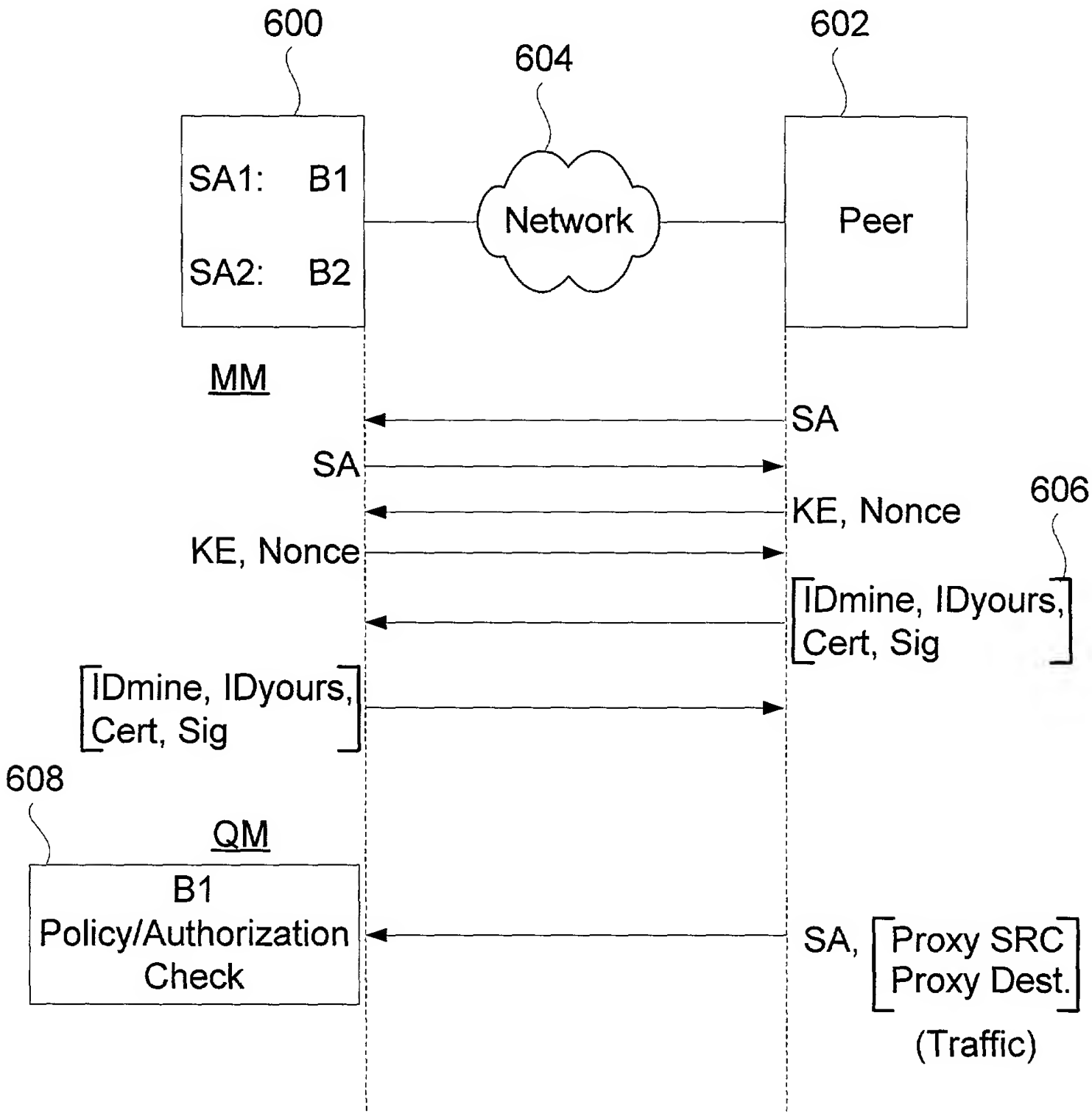
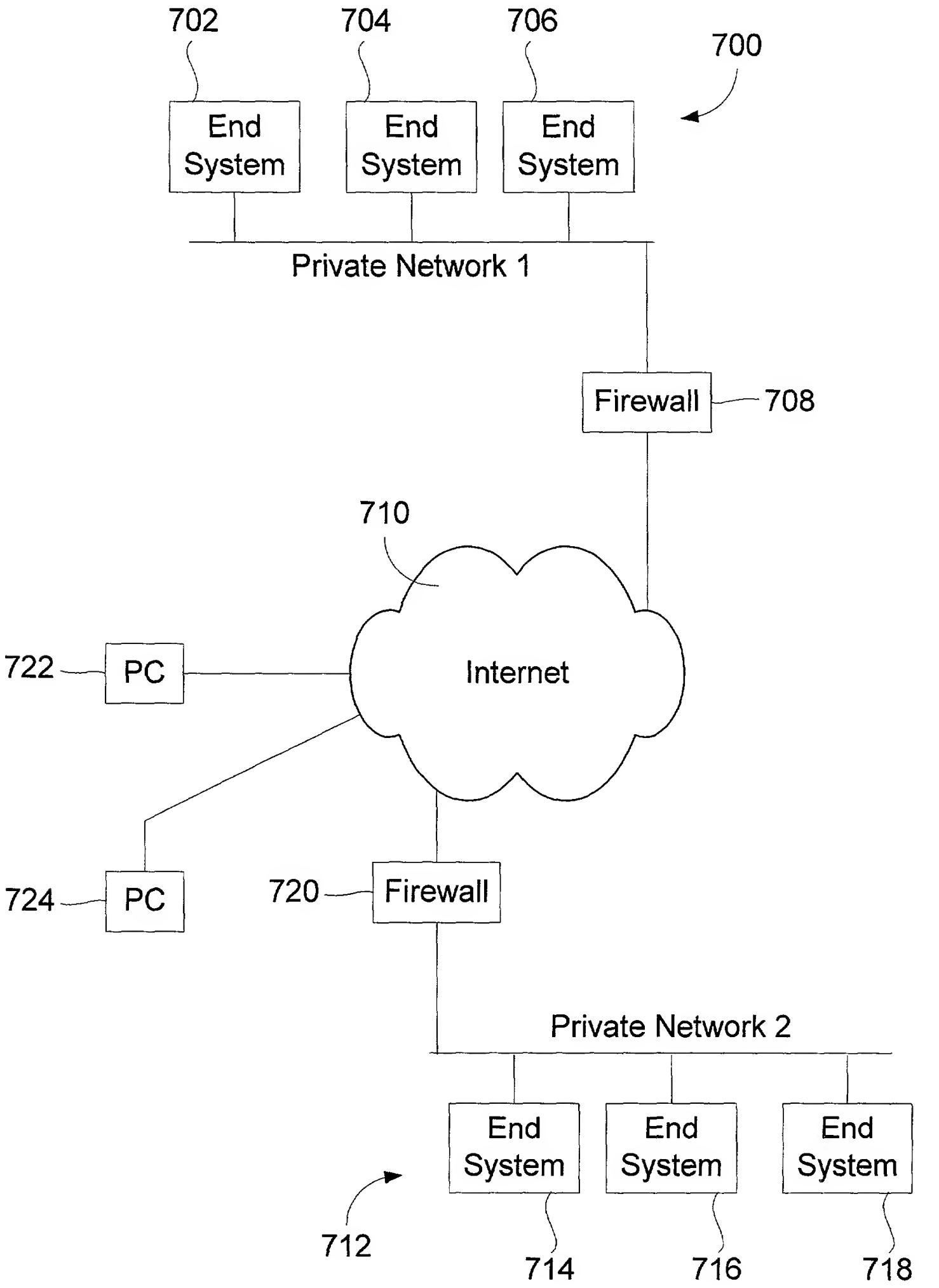

600
604
602
SA1: B1
SA2: B2
Network
Peer
MM
SA
SA
KE, Nonce
606
KE, Nonce
[IDmine, IDyours, Cert, Sig
[IDmine, IDyours, Cert, Sig
608
QM
B1 Policy/Authorization Check
SA, [Proxy SRC Proxy Dest.
(Traffic)

FIG. 7

(PRIOR ART)